

CLAIMS

1. A pants-type disposable diaper comprising a diaper main body having a front abdomen portion, a back portion, and leg hole sections which are formed on both sides of a crotch portion between these portions, and further having a waist opening which is formed by joining each of both side edges of the front abdomen portion to corresponding each one of both side edges of the back portion, with the crotch portion being provided with an absorbent main body, in which waist elastic members are attached in an expanded state in a diaper width direction to parts of the front abdomen portion and to parts of the back portion, both of which parts are corresponding to the waist opening, with each of the leg hole sections being provided with a leg-hole elastic member which is attached in an expanded state along each of the leg holes,

wherein the diaper main body is provided with a display part which displays identification information including a size and a front or back side of the diaper main body, and the like, so as to allow the display part to become recognizable from a side position of each of diaper main bodies, when two or more diaper main bodies are stacked on one another, with the front abdomen

portion of one diaper main body being overlapped with the back portion of another diaper main body.

2. The pants-type disposable diaper according to claim 1, wherein the diaper main body is formed by turning up a sheet connecting the front abdomen portion to the back portion at a position corresponding to the crotch portion, and the display part is formed on an outside part of the turned-up sheet.

3. The pants-type disposable diaper according to claim 2, wherein the display part is extended and formed over both the front abdomen portion and the back portion.

4. The pants-type disposable diaper according to claim 2, wherein the display part is extended and formed toward the front abdomen portion.

15 5. The pants-type disposable diaper according to claim 2, wherein the display part is extended and formed toward the back portion.

6. The pants-type disposable diaper according to any of claims 2 to 5, wherein no elastic members for 20 leg holes are attached to a part corresponding to a formation position of the display part in a length direction of the diaper main body.

7. The pants-type disposable diaper according to claim 1, wherein the display part is formed on the folded 25 outside part of the diaper main body which has been folded

so as to be placed into a packaging bag.

8. The pants-type disposable diaper according to any of claims 1 to 7, wherein the display part is printed on the diaper main body by means of an ink-jet system.

5       9. A process of producing a pants-type disposal diaper in which a diaper main body is formed by turning up a sheet constituting a front abdomen portion and a back portion at a position corresponding to a crotch portion, comprising steps of:

10       feeding a continuous sheet composed of the two or more sheets, which are joined to each other in parallel to a turn-up line thereof, in a direction parallel to the turn-up line thereof;

15       opening positions corresponding to leg-hole sections of the continuous sheet; and

16       intermittently printing identification information including a size and a front or back side of the diaper main body, and the like, on a position which is placed on an outside of the sheet having openings  
20       in turning up of the sheet in a vicinity of the turn-up line thereof, by means of an ink-jet system.